

These charts are based on EPA's compiled EDR data for the 2001 and 2002 ozone seasons.

The mobile data presented in the last chart is from DEP SIP work using EPA's Mobile 6 model.

Chart 1 is based on the three Maximum Emergency Generation days vs 3 randomly selected cooler days.

814 PIE is the NJ EGU NOx emissions on 8/14/02

814 PIE (2) is the tonnage emitted on that day.

VIR814 (7) is the operations as they occurred on 8/14/02 with the noted changes, "projected" into the future.

CON HEPU ER is the calculated post-season emission rates of Conectiv's HEPUs.

While some go up and down and some are invariant, the overall movement is downward since the start of the NBP.

Chart 2 illustrates the increasing contribution of EGU sources to total NOx emissions as fleet turnover reduces mobile source emissions.

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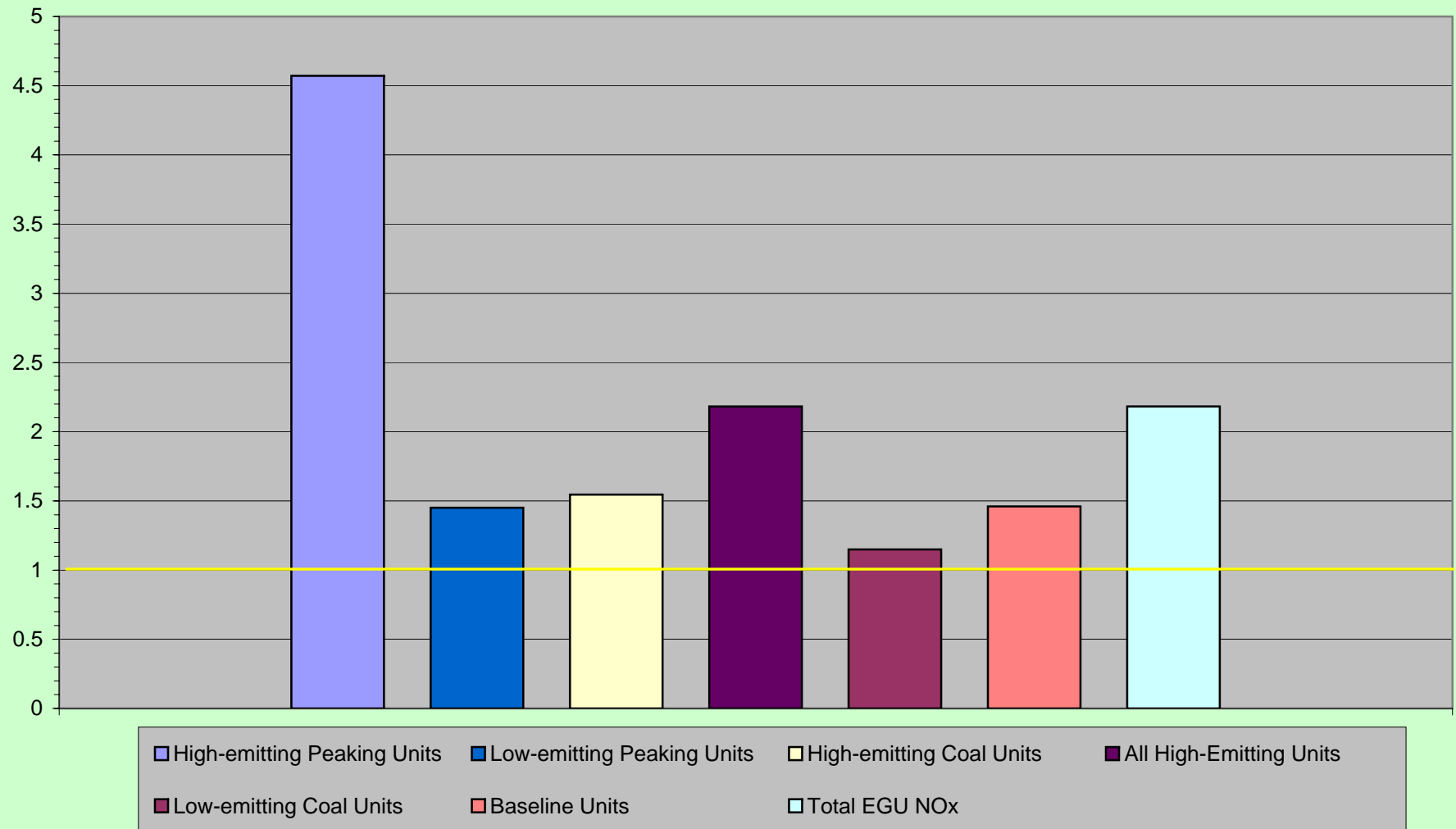
tmcnevin@dep.state.nj.us

NBP = NOx Budget Program

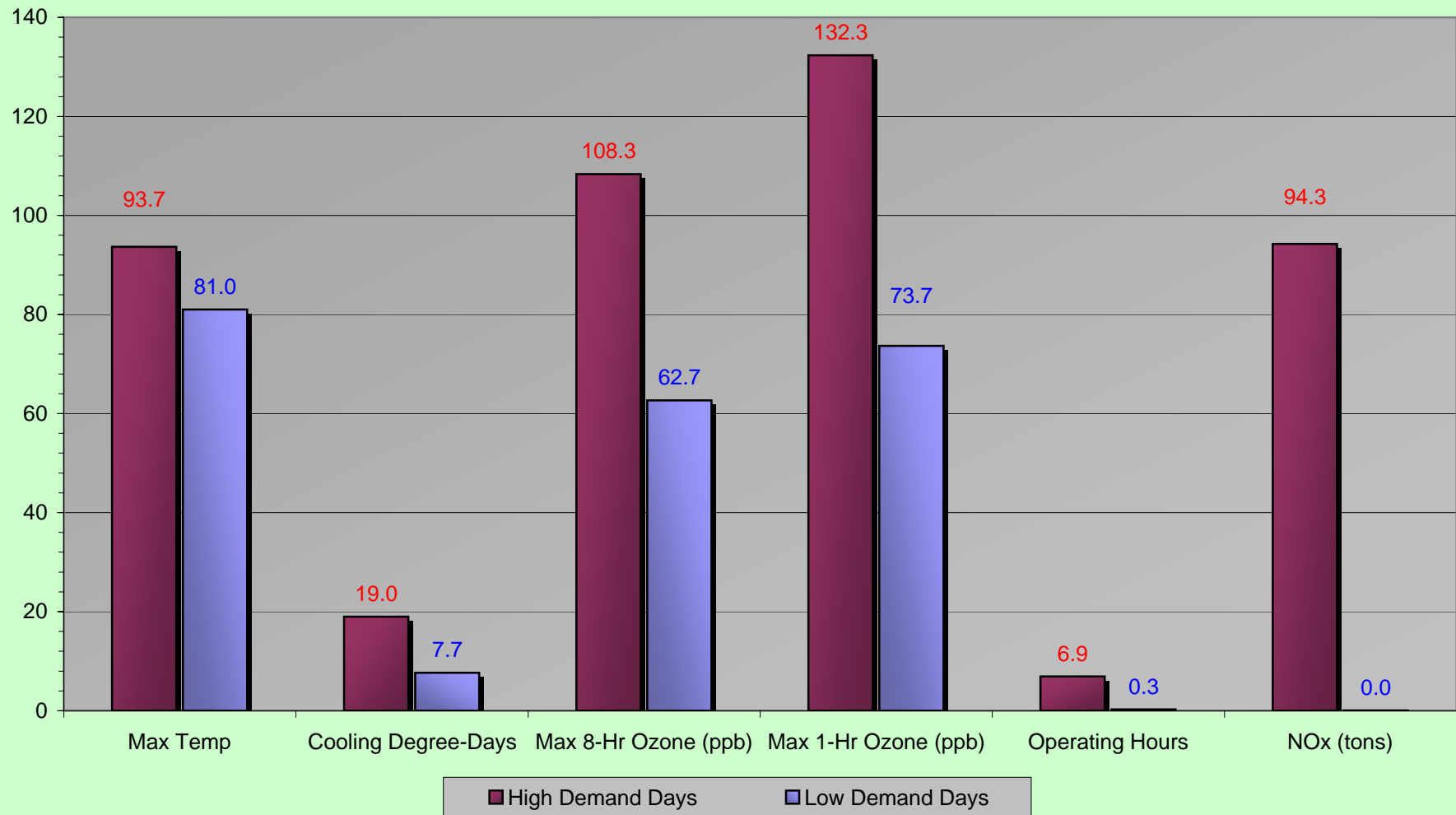
HEP(U) = High Emitting Peakers, or Peaking Units

HECU = High Emitting Coal Units

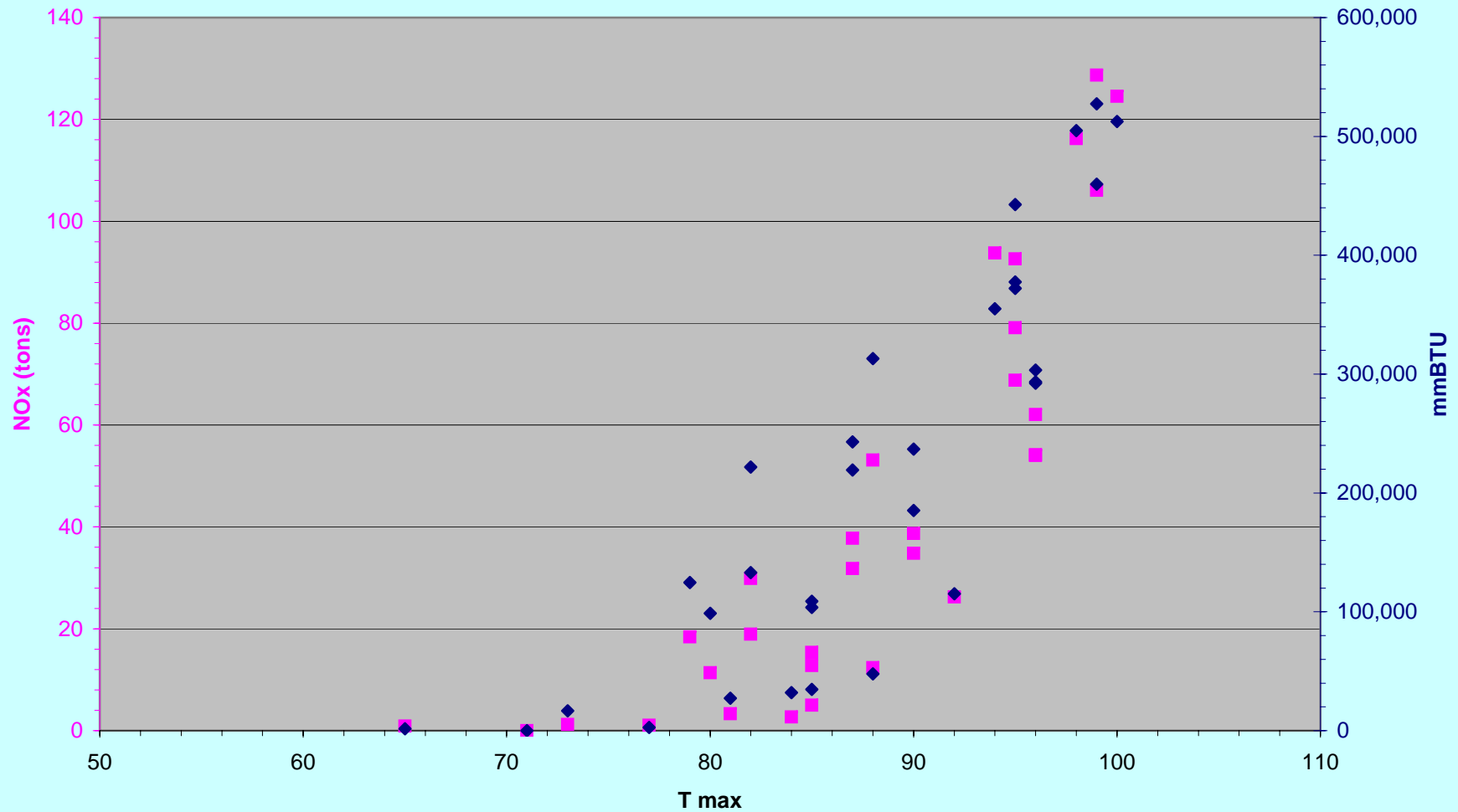
Average Ratios of NOx Emissions on 5 Highest 8-Hour Ozone Days in 2001 to Seasonal Averages



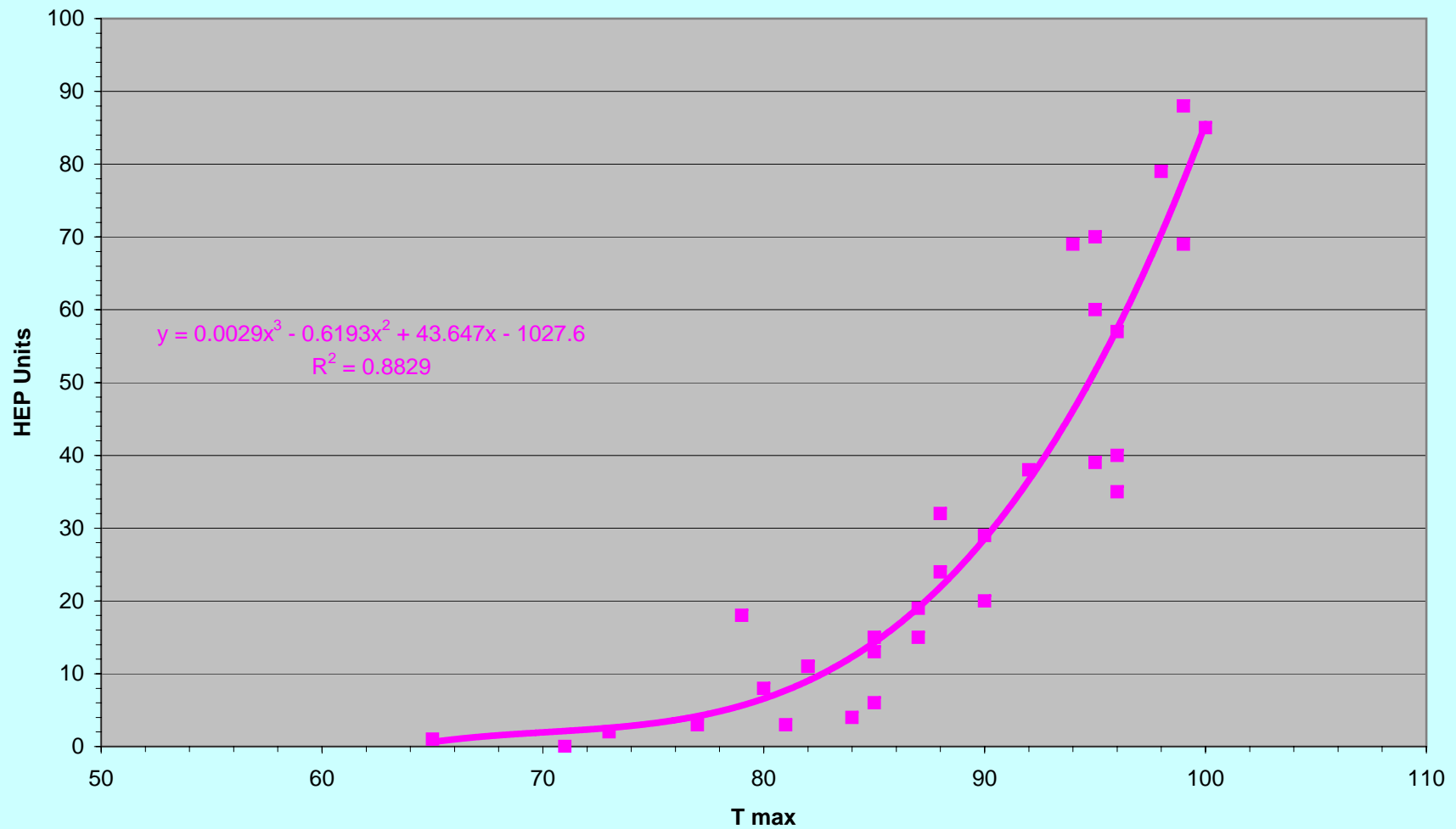
Average Daily High-Emitting NJ Peaking Unit Operations on High and Low Temperature Days in 2002 Ozone Season



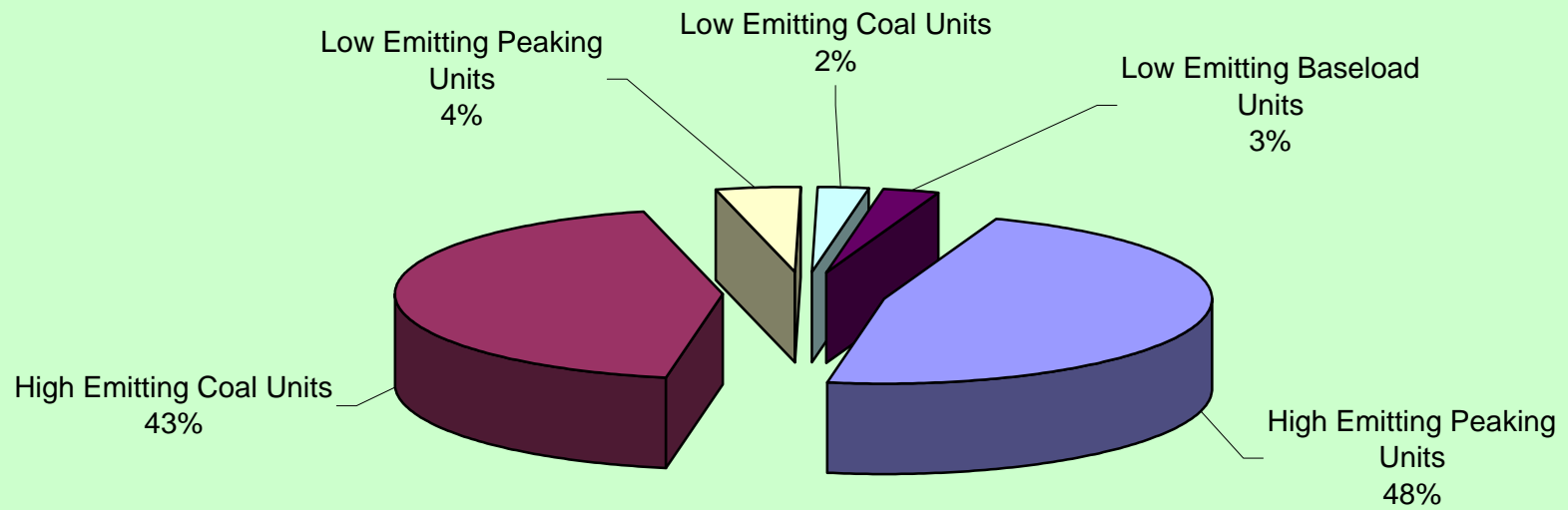
August 2002: HEP NOx Emissions and Heat Input vs. Temperature Maxima



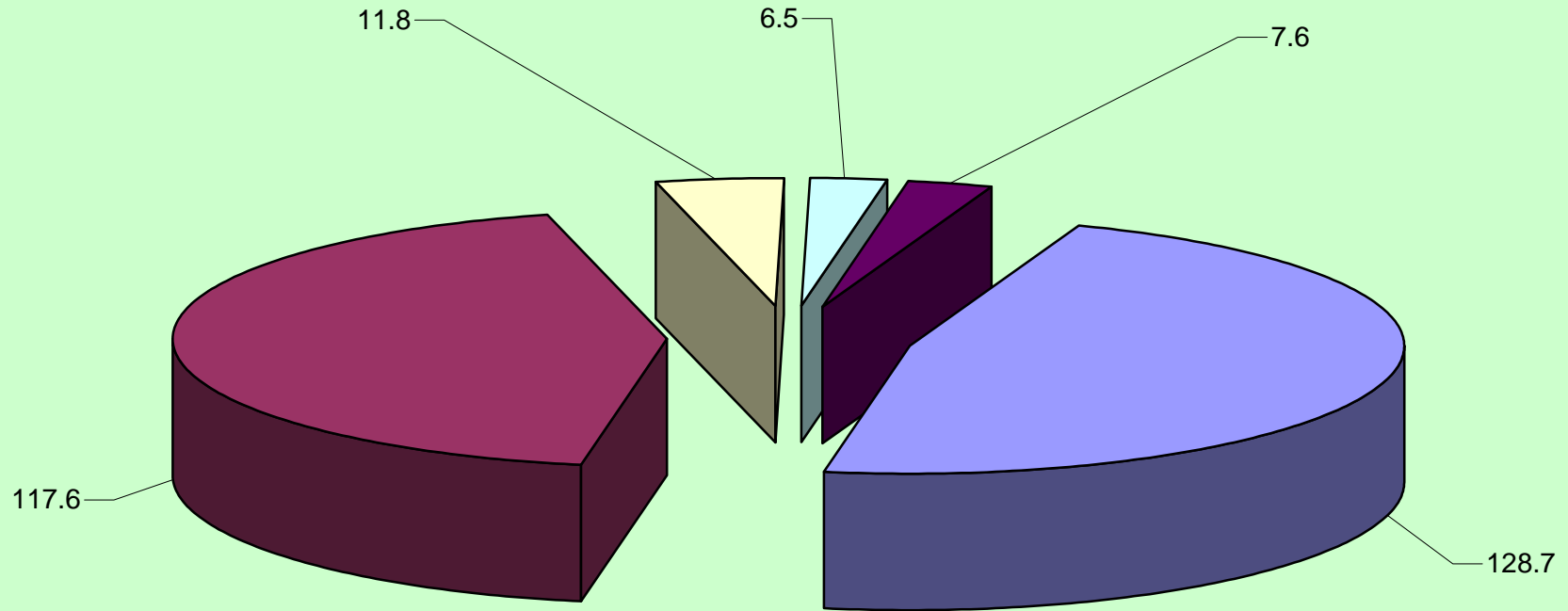
August 2002: Number of HEP Units Operating vs. Temperature Maxima



NJ EGU NOx Emissions on August 14, 2002
PJM All-Time Electrical Generation Record

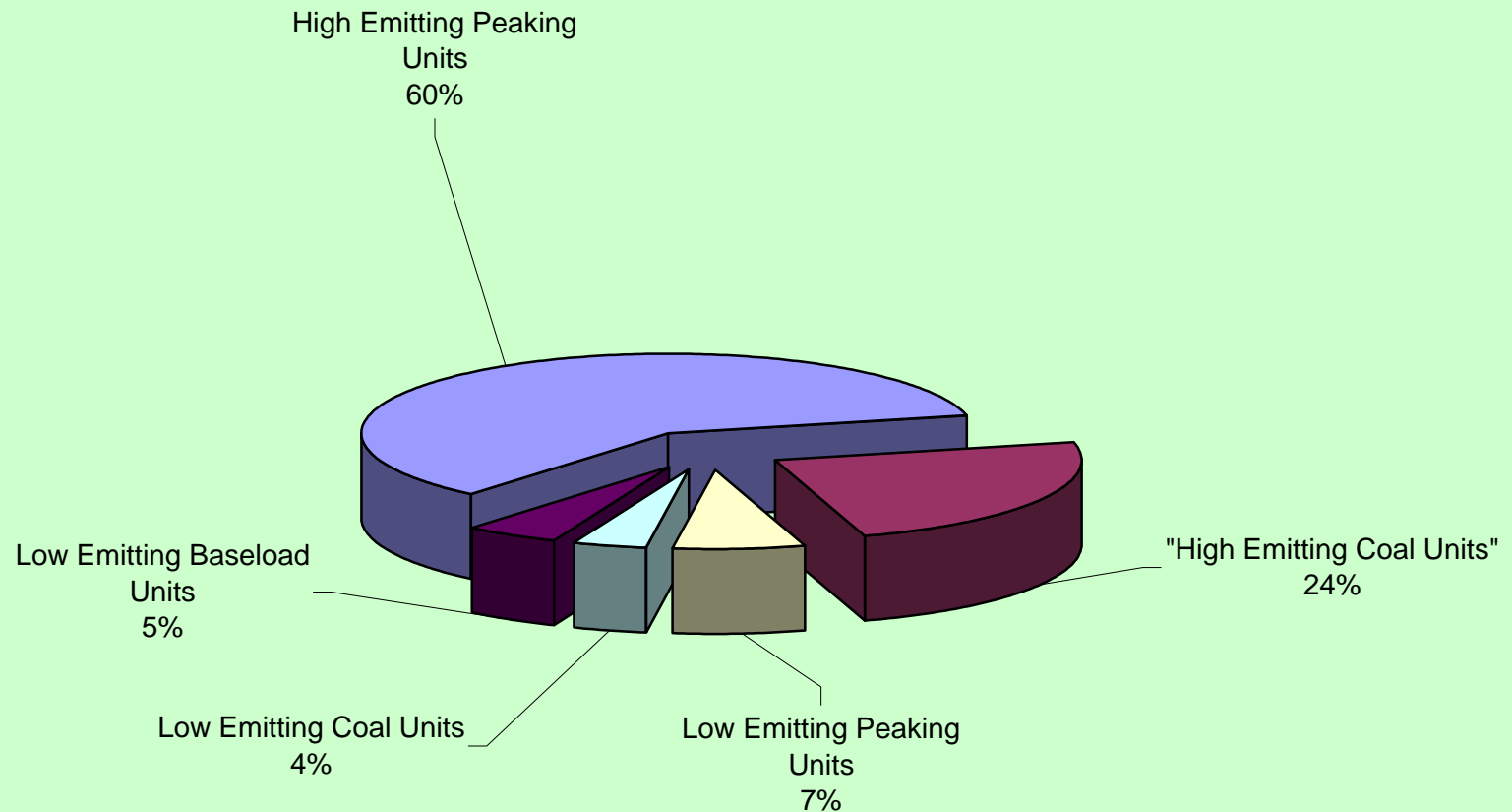


NJ EGU NOx Emissions on August 14, 2002
PJM All-Time Electrical Generation Record



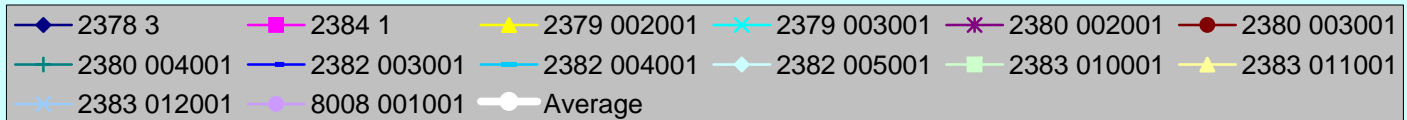
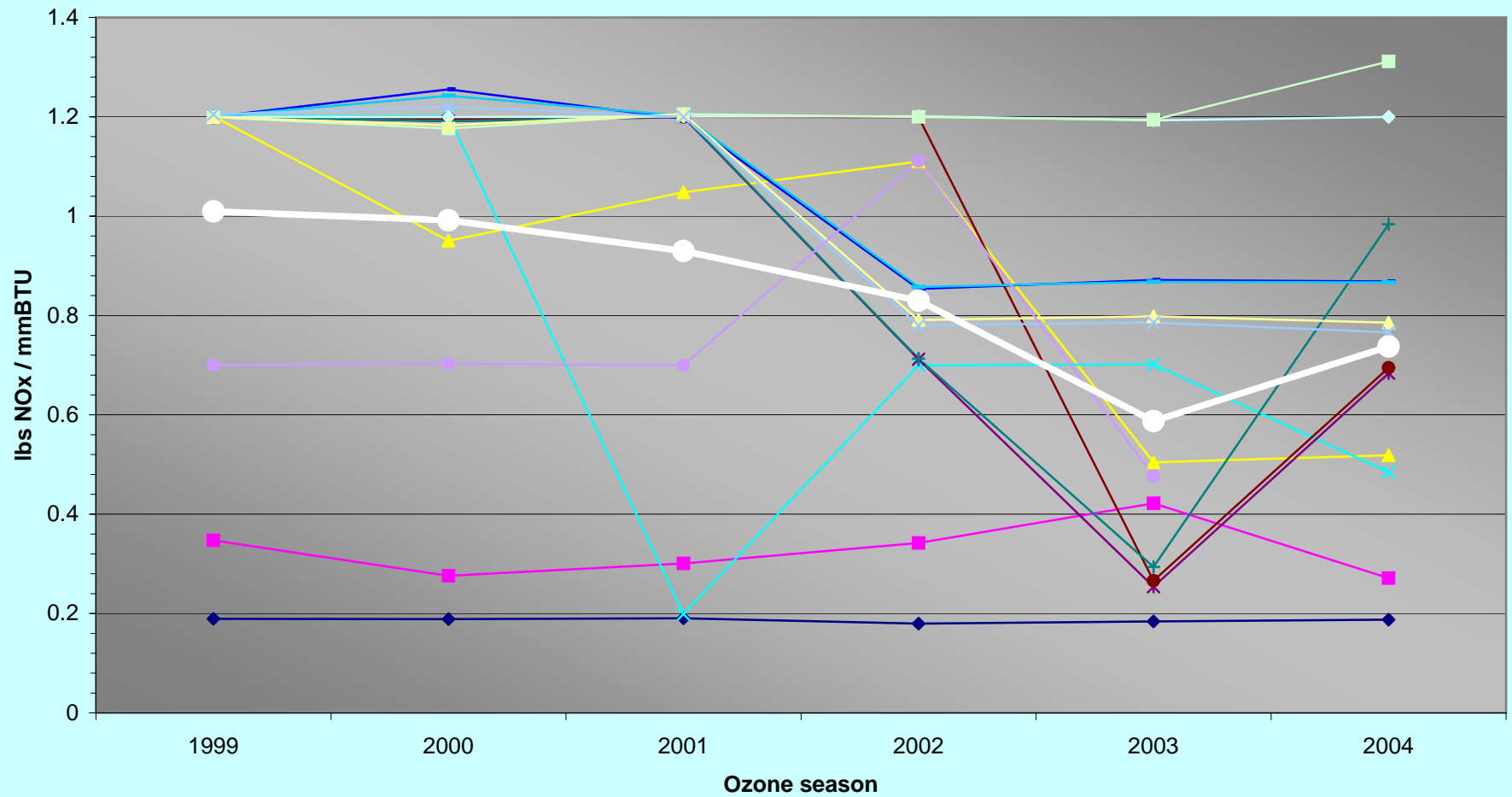
High Emitting Peaking Units	High Emitting Coal Units	Low Emitting Peaking Units
Low Emitting Coal Units	Low Emitting Baseload Units	

NJ EGU Projected NO_x Emissions Post-2007 Using Operation Profile from All-Time Electrical Generation Record of August 14, 2002

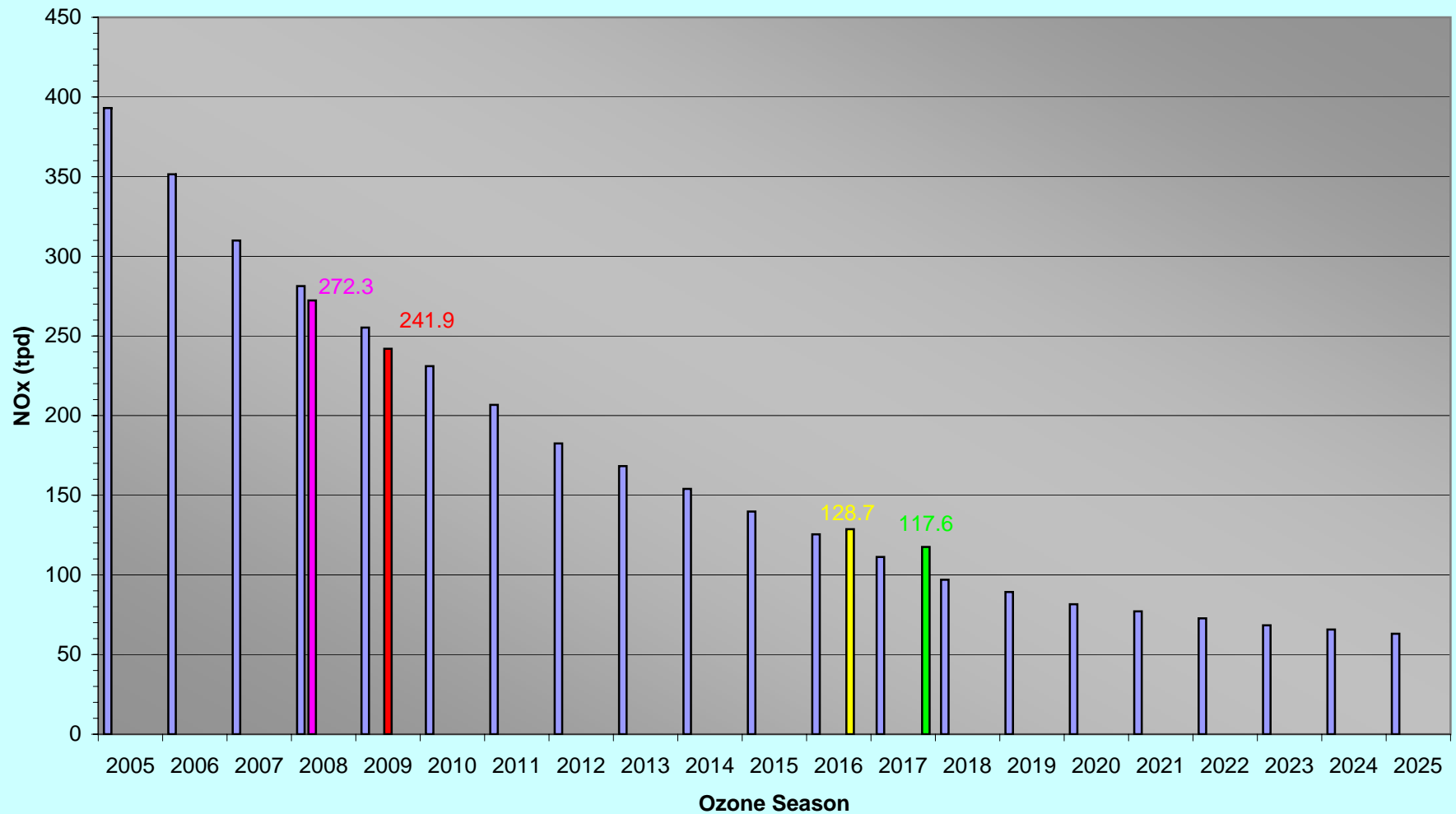


Hudon 2 and Mercer @ 0.15 ER, BLE, DW 8 unchanged,
H1, Sewaren, Sayreville 7&8, Linden boilers retired.

Conectiv NJ HEPU Emission Rates



NJ EGU Stationary Source vs Mobile Source NOx Emissions



■ NJ Mobile NOx

■ NBP 8/14/02

■ NBP 8/14 in 2007

■ NBP 8/14/02 HEPU

■ NBP 8/14/02 HECU